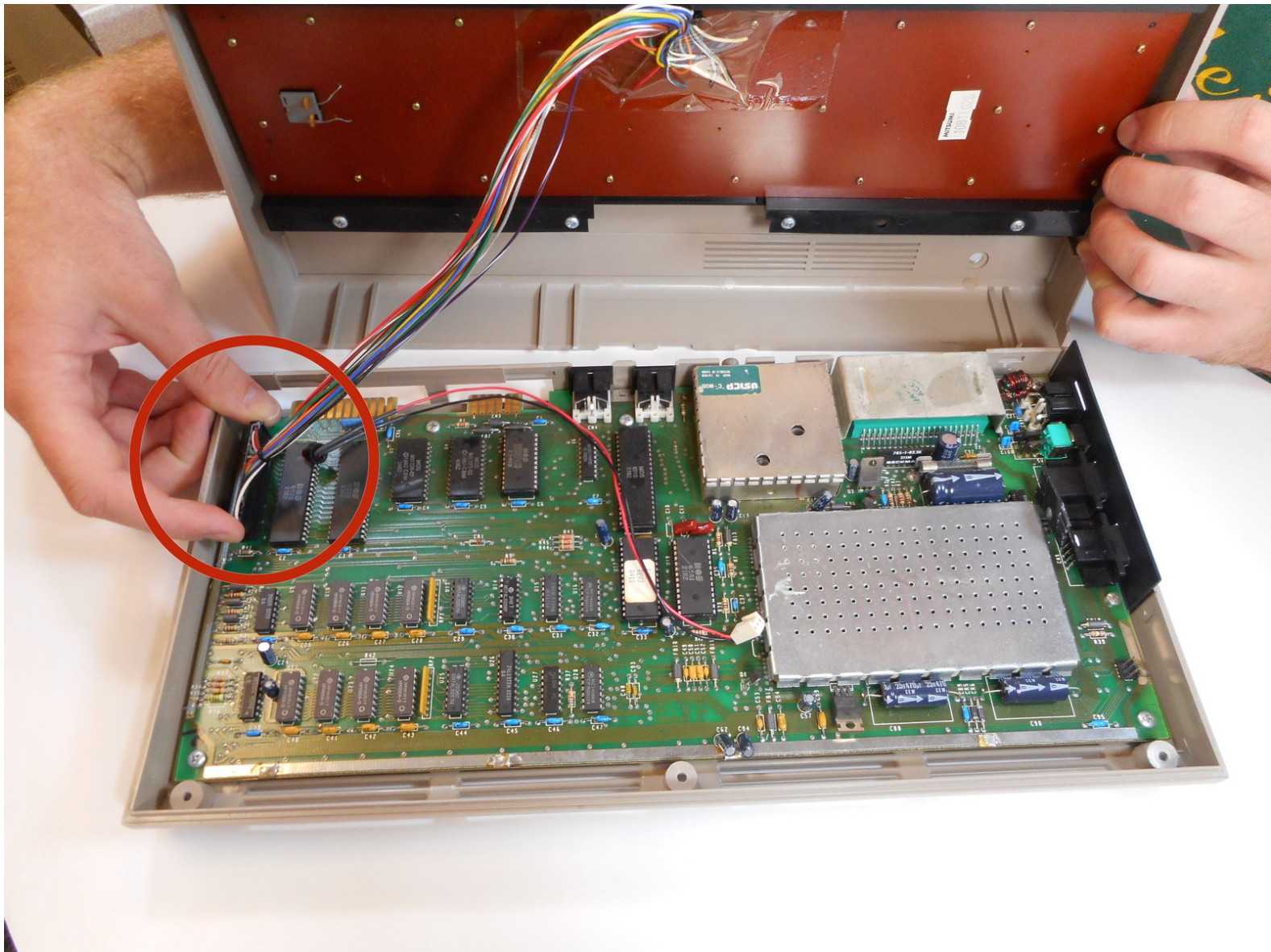




Commodore 64 Central Processing Unit (CPU) Replacement

Removing the Central Processing Unit (CPU)

Written By: Silvanus Clarke



INTRODUCTION

The Central Processing Unit (CPU) or Micro Processing Unit (MPU) is the 8-bit processor for the Commodore 64.



TOOLS:

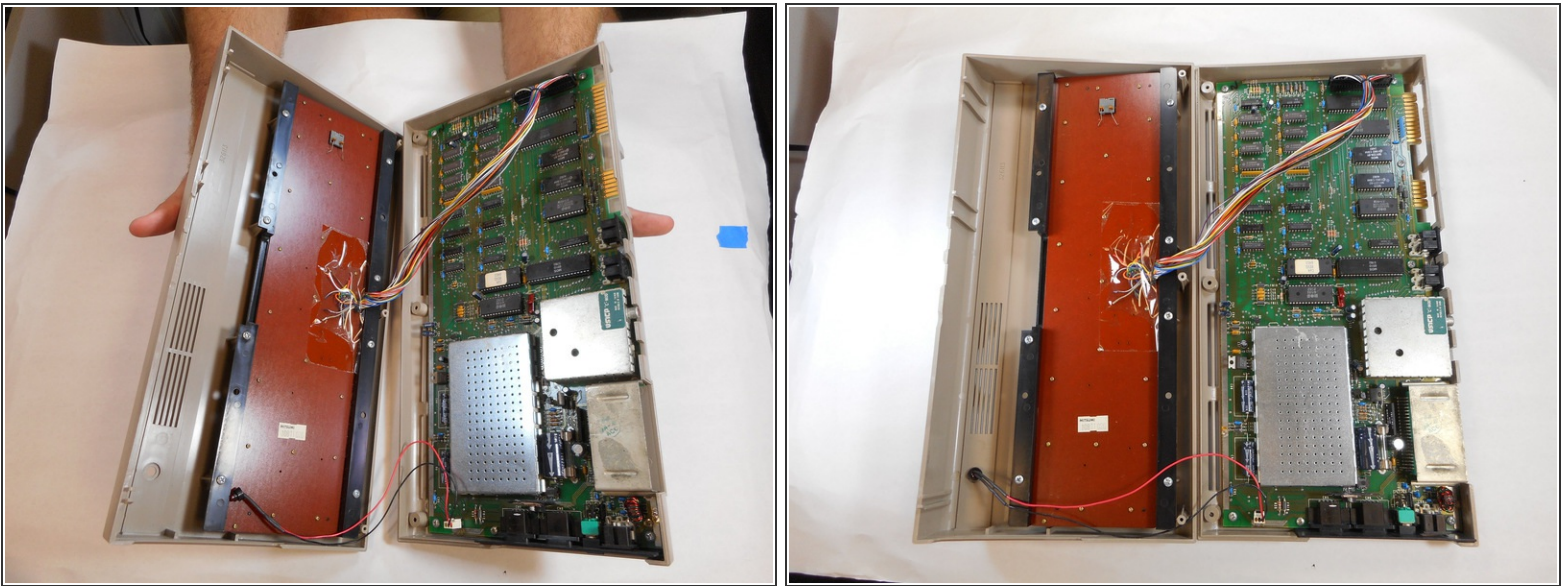
- [Phillips #00 Screwdriver](#) (1)
 - [Utility Scissors](#) (1)
-

Step 1 — Removing screws



- 1. Remove three 6.75mm ph2 screw heads from the casing

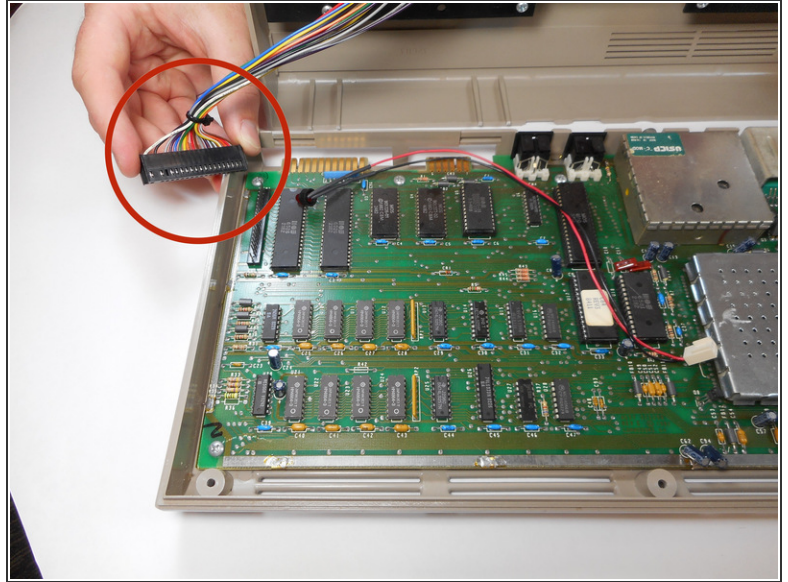
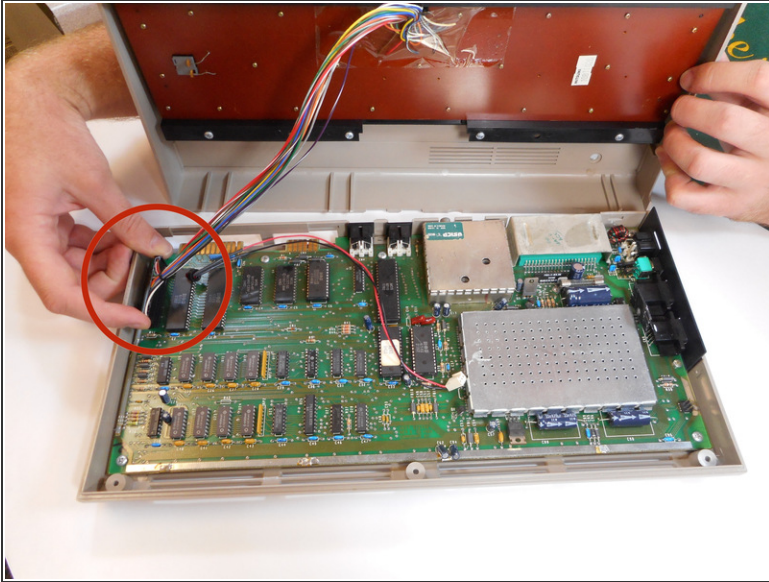
Step 2 — Opening



- 2. Split the case of the C64 open by pulling up on the case towards you

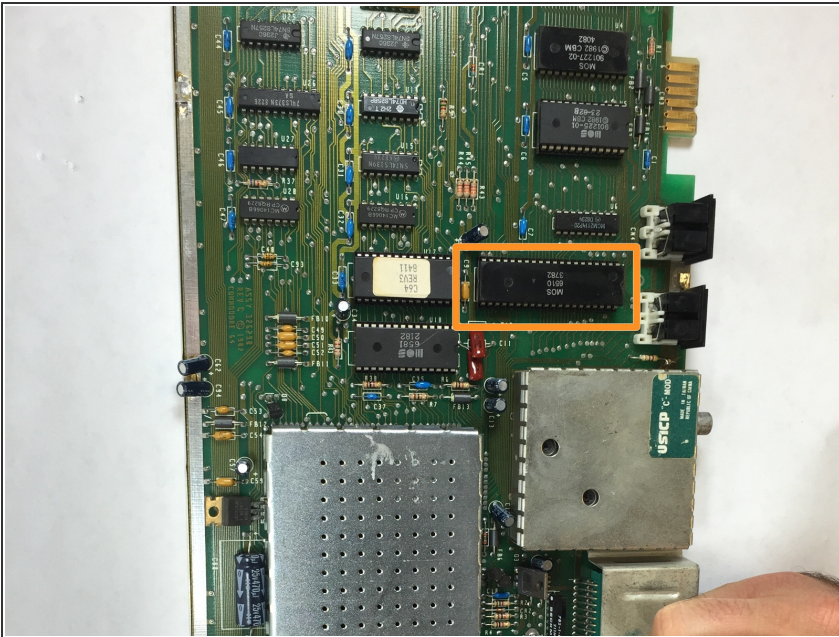
⚠ Do not pull too hard that you break the clips.

Step 3 — Detach Keyboard from the motherboard



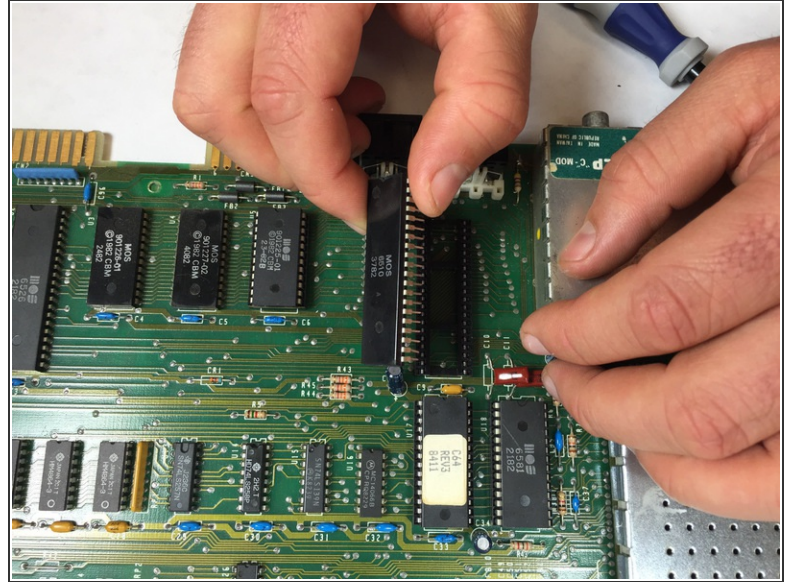
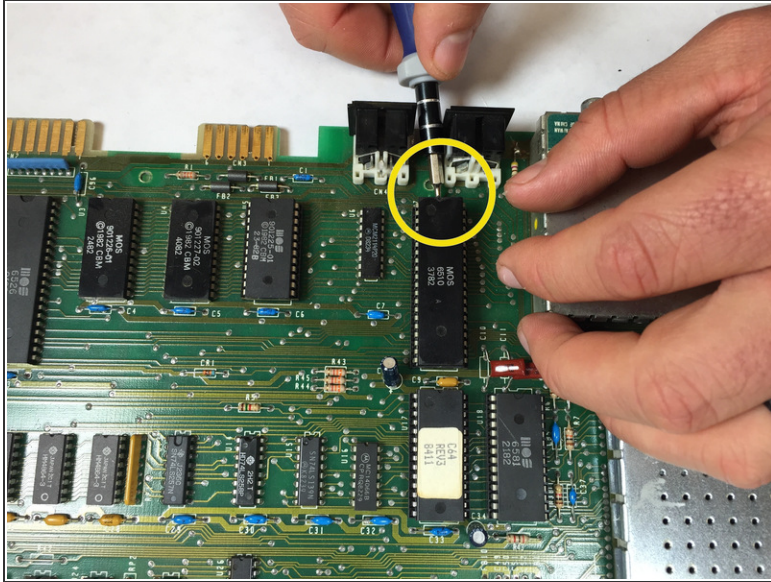
- 1. Detach the multi-colored wire bundles connected to the motherboard.

Step 4 — Locate the CPU



- Locate the CPU chip which is labeled 'MOS 6510 3782'

Step 5 — Removing the CPU chip



- 3. Loosen the CPU chip with a Phillips screwdriver. Then use your hand to pry up the CPU chip from the motherboard.

To reassemble your device, follow these instructions in reverse order.

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